

Township 8S, Range 40E
SECTION 31

Township 8S, Range 40E
SECTION 31

Cliff Features

CLIFF FEATURE: C_0001



Photo: 12_30_05_04

Looking North

FEATURE TYPE:	Cliff				
GEOMETRIC DIMENSIONS:	Length : 500 ft		Height: 50 ft		
LOCATION:	Township: 8S		Range: 40E		Section: 31
HANDHELD GPS POINTS:	1002	Northing 405918.73	Easting 2678560.12	1005	Northing 406047.05
	1003	405914.59	2678322.50	1006	405994.66
	1004	406029.43	2678153.34		2678245.79
					2678428.42
SUBSTRATE:	Sandstone/Siltstone				
EXPOSURE:	Southern facing slope				
DESCRIPTION OF FEATURE:	This cliff feature is a hard sandstone/siltstone rock face that is on top of a soft, sandy silt slope. The slope is highly erosive and steep (greater than 3H:1V). The solid rock face of the cliff feature is pocketed and has numerous holes from weathering. Pictures 12_30_05_3 and 1_9_06_2 show the cliff feature and the weathering that has occurred along its face.				

CLIFF FEATURE: C_0001



Photo: 12_30_05_03

Looking East



Photo: 1_9_06_02

Looking Northeast

Revised 4/06; Reference – South Fork Extension Amendment #00174

CLIFF FEATURE: C_0002



Photo: 12_30_05_07

Looking Northwest

FEATURE TYPE: Cliff

GEOMETRIC DIMENSIONS: Length : 1000 ft Height: 15 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting		Northing	Easting
1007	406158.15	2677293.71	1009	406432.30	2677199.45
1008	406251.61	2677363.01	1010	406438.49	2677165.65

SUBSTRATE: Sandstone/Siltstone

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: This cliff feature overlooks draw R_0006 in the Pearson Creek drainage. The sandstone/siltstone rock creates an overhang at the top of the slope. Picture 12_30_05_7 shows the cliffs looking up the drainage. The cliffs have a total length of about 350 feet and range from 5 feet to 20 feet in height.

CLIFF FEATURE: C_0003



Photo: 1_4_06_01

Looking North

FEATURE TYPE: Cliff

GEOMETRIC DIMENSIONS: Length : 300 ft Height: 15 ft
Area of Outcrop: 2.2 acres

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:	Northing	Easting		Northing	Easting
2001	406336.23	2676380.79	2006	406506.97	2676470.82
2002	406624.32	2676043.17	2007	406629.70	2676319.51
2003	406641.75	2676241.59	2008	406670.48	2676227.73
2004	406592.25	2676289.72	2009	406821.33	2676155.60
2005	406477.57	2676464.03	2010	406903.28	2676096.07

SUBSTRATE: Sandstone/Siltstone

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: This cliff feature is very typical within this drainage. The cliff at the top of the slope is hard siltstone/sandstone. The rocks that make up the feature are large, flat and rectangular. Many pockets and holes have formed between and in the sandstone rock. The pictures on the following pages show additional views of this feature.

Revised 4/06; Reference – South Fork Extension Amendment #00174

CLIFF FEATURE: C_0003



Photo: 1_9_06_08

Looking Northwest



Photo: 1_9_06_09

Looking West

Revised 4/06; Reference – South Fork Extension Amendment #00174

CLIFF FEATURE: C_0003



Photo: 1_9_06_10

Looking Northeast



Photo: 1_9_06_11

Looking North

Revised 4/06; Reference – South Fork Extension Amendment #00174

313D-T8SR40E31-7

CLIFF FEATURE: C_0004



Photo: 1_4_06_04

Looking Northwest

FEATURE TYPE:	Cliff					
GEOMETRIC DIMENSIONS:	Length: 120 ft		Height: 40 ft			
LOCATION:	Township: 8S		Range: 40E		Section: 31	
HANDHELD GPS POINTS:		Northing	Easting		Northing	Easting
	2011	407099.11	2675278.24	2014	407169.74	2675095.04
	2012	407114.44	2675301.00	2015	407133.39	2675098.81
	2013	407149.45	2675255.92			

SUBSTRATE: Sandstone/Siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: This sandstone/siltstone cliff feature consists of two sections that are composed of solid rock. Each section is 50 feet long. The remainder of the length appears like a rock outcrop. The solid rock faces are pocketed with holes and depressions caused by weathering.

CLIFF FEATURE: C_0010



Photo: 1_9_06_07

Looking Northwest

FEATURE TYPE:	Cliff					
GEOMETRIC DIMENSIONS:	Length: 200 ft		Height: 40 ft			
LOCATION:	Township: 8S		Range: 40E		Section: 31	
HANDHELD GPS POINTS:		Northing	Easting		Northing	Easting
	4010	405794.34	2676207.27	4013	405825.34	2676263.11
	4011	405814.58	2676268.63	4014	405862.05	2676158.54
	4012	405827.20	2676319.91			
SUBSTRATE:	Sand, Silt, and Sandstone/Siltstone					
EXPOSURE:	Northern facing slope					
DESCRIPTION OF FEATURE:	This cliff feature is located at the top of a steep (greater than 3H:1V) slope that consists primarily of soft sand and silt. The sandstone/siltstone feature at the top of the slope is a rock shelf that has been eroded. The rocks that composed this feature are large, flat and rectangular.					

CLIFF FEATURE: C_0011



Photo: 1_9_06_12

Looking Southeast

FEATURE TYPE:	Cliff					
GEOMETRIC DIMENSIONS:	Length : 100 ft		Height: 10 ft			
LOCATION:	Township: 8S		Range: 40E		Section: 31	
HANDHELD GPS POINTS:		Northing	Easting		Northing	Easting
	4015	405972.12	2675731.11	4018	406014.17	2675678.05
	4016	405939.16	2675727.02	4019	406011.28	2675701.40
	4017	405934.09	2675683.25			

SUBSTRATE: Sandstone/Siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: This sandstone/siltstone cliff feature creates a large overhang beneath the rock shelf. This feature is at the head of a small draw. Beneath the overhang are large, flat, rectangular rocks that have fallen down the slope. Pictures 1_9_06_13 and 1_9_06_14 on the next page show the rocks and overhang.

CLIFF FEATURE: C_0011

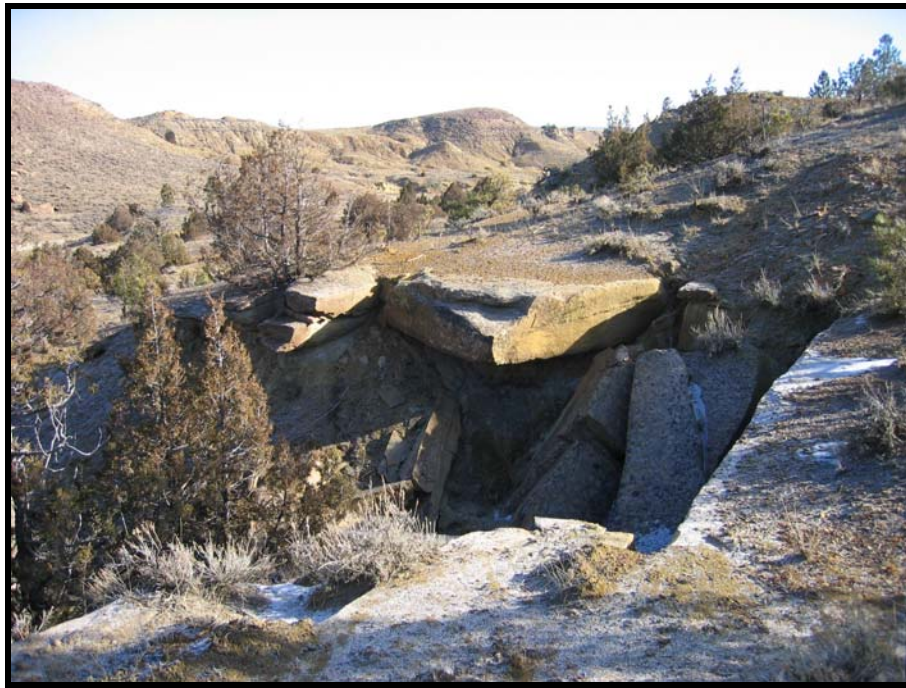


Photo: 1_9_06_13

Looking Northwest



Photo: 1_9_06_14

Looking Southwest

CLIFF FEATURE: C_0012



Photo: 1_9_06_16

Looking Northeast

FEATURE TYPE: Cliff

GEOMETRIC DIMENSIONS: Length: 80 ft Height: 10 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
4024	406401.51	2674580.01
4025	406387.02	2674583.06
4026	406372.69	2674591.28

SUBSTRATE: Sandstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: This type of cliff feature is very typical in this area. Created by the erosion from the adjacent channel, the rock shelf has been exposed, making an area beneath the overhang. See picture 1_9_06_16 above for a view of the cliff feature.

CLIFF FEATURE: C_0025



Photo: 1_16_06_35

Looking West

FEATURE TYPE: Cliff

GEOMETRIC DIMENSIONS: Length: 40 ft Height: 20 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
8084	409326.61	2675797.22
8085	409356.44	2675816.92
8086	409363.05	2675796.03

SUBSTRATE: Sandstone, Siltstone and Scoria

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: This cliff feature is adjacent to a stream channel and has been eroded by runoff flows. The face is jagged and is composed of a sandstone/siltstone rock with frequent pieces of scoria.

CLIFF FEATURE: C_0026



Photo: 1_16_06_37

Looking Northwest

FEATURE TYPE: Cliff

GEOMETRIC DIMENSIONS: Length: 30 ft Height: 20 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
8088	409866.44	2676689.09
8089	409878.13	2676711.96

SUBSTRATE: Sandstone, Siltstone and Scoria

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: This cliff feature is adjacent to a stream channel and has been eroded by runoff flows. The face is jagged and is composed of a sandstone/siltstone rock with frequent pieces of scoria. The feature appears on the same channel as C_0025.

Township 8S, Range 40E
SECTION 31

Rock Outcrop Features

ROCK OUTCROP FEATURE: RO_0001



Photo: 12_30_05_05

Looking North

FEATURE TYPE:	Rock Outcrop		
GEOMETRIC DIMENSIONS:	Length: 150 ft	Height: 50 ft	
LOCATION:	Township: 8S	Range: 40E	Section: 31
HANDHELD GPS POINTS:	Northing	Easting	
	1011	406050.38 2677901.97	
	1012	406060.45 2677986.92	
	1013	406189.86 2677928.41	
SUBSTRATE:	Sand, Silt, and Sandstone/Siltstone		
EXPOSURE:	Southern facing slope		
DESCRIPTION OF FEATURE:	This feature has a hard siltstone/sandstone outcrop at the top of a steep slope. The slope consists of soft sand and silt. The outcropped rock has a jagged rock face and small areas beneath the rock overhang.		

ROCK OUTCROP FEATURE: RO_0002



Photo: 12_30_05_06

Looking North

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 40 ft Height: 30 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
1014	405974.15	2677467.71
1015	406038.21	2677530.22

SUBSTRATE: Sand, Silt, and Sandstone/Siltstone

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: This feature has a hard siltstone/sandstone outcrop at the top of a steep slope. The slope consists of soft sand and silt. The outcropped rock has a jagged rock face and small areas beneath the rock overhang. See picture 12_30_05_06 above for a view of the feature.

ROCK OUTCROP FEATURE: RO_0003



Photo: 12_30_05_08

Looking West

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length : 100 ft Width: 40 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
1016	406515.04	2676940.90
1001	406557.85	2676799.95

SUBSTRATE: Sandstone/Siltstone

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: This feature consists of two outcrops at the top of a steep slope (greater than 3H:1V) in the Pearson Creek drainage. The hard sandstone/siltstone rocks can be seen in picture 12_30_05_08 and picture 12_30_05_09 on the next page.

ROCK OUTCROP FEATURE: RO_0003



Photo: 12_30_05_09

Looking East

ROCK OUTCROP FEATURE: RO_0004



Photo: 1_4_06_06

Looking North

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length : 340 ft Height: 10 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
2016	407401.40	2674816.14
2017	407683.30	2674623.47

SUBSTRATE: Sandstone/Siltstone

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: This feature is composed of both solid rock and scattered layered rock. The sandstone and siltstone rock is at the top of a steep (greater than 3H:1V) sandy, silt slope. This feature is at approximately the same elevation as other rock outcrops in this area.

ROCK OUTCROP FEATURE: RO_0005



Photo: 1_4_06_07

Looking East

FEATURE TYPE:	Rock Outcrop					
GEOMETRIC DIMENSIONS:	Length: 130 ft		Height: 10 ft			
LOCATION:	Township: 8S		Range: 40E		Section: 31	
HANDHELD GPS POINTS:		Northing	Easting		Northing	Easting
	2018	407332.51	2674828.73	2021	407201.55	2674951.87
	2019	407293.18	2674853.27	2022	407162.23	2674976.41
	2020	407241.47	2674945.40			
SUBSTRATE:	Scoria					
EXPOSURE:	Southern facing slope					
DESCRIPTION OF FEATURE:	This outcrop feature is two scoria caprocks at the top of a steep slope. The total length of the feature was taken as the length of both caprocks added together. The caprocks were very fractured and had a height less than 10 feet.					

ROCK OUTCROP FEATURE: RO_0019



Photo: 1_9_06_15

Looking Southwest

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 80 ft Height: 10 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting		Northing	Easting
4020	406420.97	2675065.21	4022	406392.85	2674986.02
4021	406374.21	2674973.71	4023	406391.00	2674929.23

SUBSTRATE: Sand, silt, sandstone, siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: There are many different outcrops in the Pearson Creek drainage that are similar to this feature. A weathered sandstone/siltstone rock shelf is at the top of a highly erosive, sandy silt, steep slope.

ROCK OUTCROP FEATURE: RO_0075



Photo: 1_16_06_16

Looking Northwest

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Area of Outcrop: 1.1 acres

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting		Northing	Easting
8042	410510.91	2678101.99	8044	410733.63	2677885.40
8043	410756.23	2678130.11	8045	410580.41	2677885.26

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: This outcrop sits on a highly erosive sand and silt soil. Due to runoff from the adjacent hill, the rocks have been exposed. The average rock thickness is approximately 4 feet. The rocks have fallen into the stream channel in areas where the soil beneath the rocks has been eroded. The pictures on the following page show additional views of this feature.

ROCK OUTCROP FEATURE: RO_0075



Photo: 1_16_06_17

Looking North



Photo: 1_16_06_18

Looking East

ROCK OUTCROP FEATURE: RO_0076



Photo: 1_16_06_19

Looking East

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 180 ft Height: 15 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting		Northing	Easting
8046	410219.09	2678881.53	8048	410235.62	2678940.42
8047	410257.31	2678934.54	8049	410087.83	2678994.36

SUBSTRATE: Sandstone/siltstone and scoria

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: This southern facing feature is at the top of a moderately steep slope. The rock is composed of hard sandstone/siltstone with intermittent scoria. This feature overlooks the South Fork Spring Creek stream channel.

ROCK OUTCROP FEATURE: RO_0077



Photo: 1_16_06_22

Looking South

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Area of Outcrop: 8.8 acres

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting		Northing	Easting
8054	408203.17	2679255.22	8057	407515.40	2679195.12
8055	407902.75	2679438.23	8058	408258.27	2678599.65
8056	407511.08	2679619.07			

SUBSTRATE: Scoria

EXPOSURE: Not Applicable

DESCRIPTION OF FEATURE: This rock outcrop is located on very flat area. The rocks that make up the outcrop range in size from a foot in diameter to 10 feet in diameter. Although the area of the outcrop is large, the rocks are spaced as far as several hundred feet between outcrops.

ROCK OUTCROP FEATURE: RO_0078



Photo: 1_16_06_23

Looking East

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 60 ft Height: 10 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
8059	408056.76	2678461.55
8060	408025.66	2678514.25
8061	408050.49	2678492.77

SUBSTRATE: Silstone/sandstone

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: This is a small outcrop that is adjacent to a small channel in the middle of Section 31. The face of the outcrop is very jagged and showed signs of erosion due to runoff in the stream channel.

ROCK OUTCROP FEATURE: RO_0079



Photo: 1_16_06_24

Looking West

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Area of Outcrop: 0.70 acres

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting		Northing	Easting
8062	407688.08	2677228.10	8064	407786.07	2676989.74
8063	407766.89	2677184.17	8065	407596.00	2676977.87

SUBSTRATE: Siltstone/sandstone

EXPOSURE: Not Applicable

DESCRIPTION OF FEATURE: This outcrop is located at the top of a hill in a very flat area. The rocks that make up this outcrop are very weathered and range from low-lying to approximately 5 feet tall. The area around this outcrop has a high population of sagebrush.

ROCK OUTCROP FEATURE: RO_0080



Photo: 1_16_06_26

Looking West

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 110 ft Height: 10 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
8067	408954.85	2675359.76
8068	408925.89	2675254.77

SUBSTRATE: Siltstone/sandstone

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: This southern facing feature is at the top of a moderately steep slope. The rock is composed of hard sandstone/siltstone with intermittent scoria. This feature is located adjacent to a small draw in Section 31.

ROCK OUTCROP FEATURE: RO_0085



Photo: 1_16_06_38

Looking Northeast

FEATURE TYPE:	Rock Outcrop		
GEOMETRIC DIMENSIONS:	Length: 50 ft	Height: 25 ft	
LOCATION:	Township: 8S	Range: 40E	Section: 31
HANDHELD GPS POINTS:	Northing	Easting	
	8090	409864.52	2677076.73
	8091	409858.92	2677128.59
	8092	409851.63	2677128.83
SUBSTRATE:	Scoria		
EXPOSURE:	Northern facing slope		
DESCRIPTION OF FEATURE:	This large scoria feature is located on the bank of a small draw in Section 31. The feature extends higher than other scoria features in the area. Pictures 1_16_06_39 and 1_16_06_40 on the next page show the same feature from other angles.		

ROCK OUTCROP FEATURE: RO_0085



Photo: 1_16_06_39

Looking East



Photo: 1_16_06_40

Looking Southeast

ROCK OUTCROP FEATURE: RO_0086



Photo: 1_16_06_41

Looking North

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 50 ft Height: 25 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
8093	409970.60	2677197.28
8094	409959.50	2677192.47

SUBSTRATE: Scoria

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: This large scoria feature is located on the bank of a small draw in Section 31. The feature is similar to RO_0085 and is located in the same general area. Pictures 1_16_06_42 and 1_16_06_43 on the next page show the same feature from other angles.

ROCK OUTCROP FEATURE: RO_0086



Photo: 1_16_06_42

Looking Northeast



Photo: 1_16_06_43

Looking South

Township 8S, Range 40E
SECTION 31

Riparian Areas

RIPARIAN FEATURE: R_0006



Photo: 1_11_06_02

Looking North

FEATURE TYPE: Riparian

GEOMETRIC DIMENSIONS: See attached topographic map

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
6003	405752.76	2677167.43

SUBSTRATE: Not Applicable

EXPOSURE: Drainage runs in a southerly direction

DESCRIPTION OF FEATURE: This draw is located in the Pearson Creek drainage. A high population of sagebrush has reduced the amount of erosion in this draw even though the soil is sandy silt.

RIPARIAN FEATURE: R_0007



Photo: 1_11_06_05

Looking Northwest

FEATURE TYPE: Riparian

GEOMETRIC DIMENSIONS: See attached topographic map

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
6008	406173.81	2676768.58

SUBSTRATE: Not Applicable

EXPOSURE: Drainage runs in a southerly direction

DESCRIPTION OF FEATURE: This draw is located in the Pearson Creek drainage. The presence of sandy silt soil has caused the runoff to cut a deep channel. Features O_0004 and O_0003 appear on either side of this draw as it enters Pearson Creek.

RIPARIAN FEATURE: R_0008



Photo: 1_11_06_07

Looking Northwest

FEATURE TYPE: Riparian

GEOMETRIC DIMENSIONS: See attached topographic map

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
6013	406436.36	2675648.75

SUBSTRATE: Not Applicable

EXPOSURE: Drainage runs in a southerly direction

DESCRIPTION OF FEATURE: This draw is located in the Pearson Creek drainage. The draw, as can be seen on the topo map, enters Pearson Creek at point 6013. Unlike many other draws in this area, the channel has not cut into the sidehill significantly.

RIPARIAN FEATURE: R_0009



Photo: 1_11_06_08

Looking North

FEATURE TYPE: Riparian

GEOMETRIC DIMENSIONS: See attached topographic map

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
6014	406557.18	2675326.94

SUBSTRATE: Not Applicable

EXPOSURE: Drainage runs in a southerly direction

DESCRIPTION OF FEATURE: This draw is located in the Pearson Creek drainage. This drainage is very similar to others in this area. The presence of sandy silt soil has caused the runoff to cut a deep channel.

RIPARIAN FEATURE: R_0010



Photo: 1_11_06_09

Looking Northwest

FEATURE TYPE: Riparian

GEOMETRIC DIMENSIONS: See attached topographic map

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
6015	406655.16	2674863.75

SUBSTRATE: Not Applicable

EXPOSURE: Drainage runs in a southerly direction

DESCRIPTION OF FEATURE: This draw is located in the Pearson Creek drainage. The slopes at the head of the channel are steep. The bottom of the channel consists of sandy silt and is highly erosive.

RIPARIAN FEATURE: R_0021



Photo: 1_11_06_31

Looking Southwest

FEATURE TYPE: Riparian

GEOMETRIC DIMENSIONS: See attached topographic map

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
6063	405993.40	2676717.63

SUBSTRATE: Not Applicable

EXPOSURE: Drainage runs in a northerly direction

DESCRIPTION OF FEATURE: This draw is located in the Pearson Creek drainage. Although the drainage area is relatively small, the channel has significant erosion due to the steep slope and the sandy silt subsoil.

RIPARIAN FEATURE: R_0022



Photo: 1_11_06_32

Looking Southeast

FEATURE TYPE: Riparian

GEOMETRIC DIMENSIONS: See attached topographic map

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
6064	405715.32	2677026.51

SUBSTRATE: Not Applicable

EXPOSURE: Drainage runs in a southerly direction

DESCRIPTION OF FEATURE: This draw is located in the Pearson Creek drainage. The drainage area for this draw is relatively small, but has a steep slope, especially at the head of the draw.

RIPARIAN FEATURE: R_0029



Photo: 1_16_06_25

Looking North

FEATURE TYPE: Riparian

GEOMETRIC DIMENSIONS: See attached topographic map

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
8066	408891.15	2675643.49

SUBSTRATE: Not Applicable

EXPOSURE: Drainage runs in a northerly direction

DESCRIPTION OF FEATURE: This draw has very steep sideslopes and has a bottom width that ranges from five to nearly twenty feet. The walls of the channel consist of siltstone, sandstone and scoria.

RIPARIAN FEATURE: R_0031



Photo: 1_16_06_36

Looking East

FEATURE TYPE: Riparian

GEOMETRIC DIMENSIONS: See attached topographic map

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
8087	409635.37	2676539.03

SUBSTRATE: Not Applicable

EXPOSURE: Drainage runs in a northerly direction

DESCRIPTION OF FEATURE: This is a tributary draw to South Fork Spring Creek. At the head of this draw the slope is small with rolling hills. Just before entering the South Fork Spring Creek channel, however, the walls of the channel become steep and the channel slope increases.

Township 8S, Range 40E
SECTION 31

Other Features

OTHER FEATURE: O_0001



Photo: 1_11_06_01

Looking Northwest

FEATURE TYPE: Cutbank

GEOMETRIC DIMENSIONS: Length: 90 ft Height: 15 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
6001	405754.24	2677547.28
6002	405773.06	2677453.63

SUBSTRATE: Sandy Silt

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: This cutbank is within the Pearson Creek drainage. The large size and steep face provides holes and habitat for birds and other animals. The soft sandy silt is highly erosive and will continue to erode as flows pass through this drainage.

OTHER FEATURE: O_0002



Photo: 1_11_06_03

Looking Northwest

FEATURE TYPE: Cutbank

GEOMETRIC DIMENSIONS: Length: 180 ft Height: 20 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
6004	405823.27	2677092.76
6005	405965.99	2676995.05

SUBSTRATE: Sandy Silt

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: This cutbank is within the Pearson Creek drainage. The large size and steep face provides holes and habitat for birds and other animals. The soft sandy silt is highly erosive and will continue to erode as flows pass through this drainage.

OTHER FEATURE: O_0003



Photo: 1_11_06_04

Looking Northwest

FEATURE TYPE: Cutbank

GEOMETRIC DIMENSIONS: Length: 120 ft Height: 20 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
6006	405993.81	2676841.66
6007	406112.70	2676796.42

SUBSTRATE: Sandy Silt

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: This cutbank is within the Pearson Creek drainage. The large size and steep face provides holes and habitat for birds and other animals. The soft sandy silt is highly erosive and will continue to erode as flows pass through this drainage. This feature has a harder sandstone layer at the top of the cut.

OTHER FEATURE: O_0004



Photo: 1_11_06_06

Looking Northwest

FEATURE TYPE:	Cutbank		
GEOMETRIC DIMENSIONS:	Length: 70 ft	Height: 20 ft	
LOCATION:	Township: 8S	Range: 40E	Section: 31
HANDHELD GPS POINTS:	Northing	Easting	
	6009	406144.06 2676751.46	
	6010	406209.82 2676754.48	
	6011	406173.89 2676771.16	
	6012	406176.44 2676737.48	
SUBSTRATE:	Sandy Silt		
EXPOSURE:	Southern facing slope		
DESCRIPTION OF FEATURE:	This cutbank is within the Pearson Creek drainage. The large size and steep face provides holes and habitat for birds and other animals. The soft sandy silt is highly erosive and will continue to erode as flows pass through this drainage. This feature has a harder sandstone layer in the middle of the cut.		

OTHER FEATURE: O_0014



Photo: 1_16_06_20

Looking Northwest

FEATURE TYPE: Cutbank

GEOMETRIC DIMENSIONS: Length: 50 ft Height: 20 ft

LOCATION: Township: 8S Range: 40E Section: 31

HANDHELD GPS POINTS:

	Northing	Easting
8050	409779.69	2679386.90
8051	409797.32	2679368.23
8052	409800.20	2679344.88
8053	409833.51	2679359.29

SUBSTRATE: Sandy Silt, Some slight clay

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: This cutbank is within the South Fork Spring Creek drainage. The large size and steep face provides holes and habitat for birds and other animals. The soft sandy silt is highly erosive and will continue to erode as flows pass through this drainage.